



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Peetz Windows and Doors, Inc.
15951 SW 41 Street, Suite 150
Weston, FL 33331

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "American & European, Direct Glazed" Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1323, titled "American & European Direct Glazed Impact Wood Windows" sheets 1 through 5 of 5, dated 03/11/05, with revision D1 dated 03/25/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA# 14-0402.02 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



WP
5/28/15

NOA No. 15-0414.05
Expiration Date: August 18, 2020
Approval Date: June 04, 2015
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

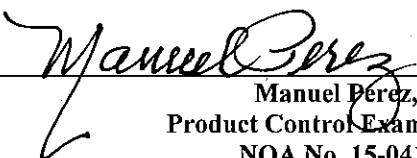
1. Manufacturer's die drawings and sections.
(Submitted under NOA No. 05-0622.01)
2. Drawing No. 1323, titled "American & European Direct Glazed Impact Wood Windows" sheets 1 through 5 of 5, dated 03/11/05, with revision D1 dated 03/25/15, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

1. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with the manufacturer's parts drawings, marked-up drawings and installation diagram of a direct glazed wood fixed window, prepared by Architectural Testing, Inc., Test Report No. **ATI-D5699.01-450-18**, dated 02/27/14, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under previous NOA No. 14-0402.02)
2. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94.
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with the manufacturer's parts drawings, marked-up drawings and installation diagram of a direct glazed wood fixed window, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0284-0113-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 05-0622.01)
3. Test reports on: 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with the manufacturer's parts drawings, marked-up drawings and installation diagram of a direct glazed wood fixed window, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0284-0515-05**, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 05-0622.01)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 04/07/06 and updated on 03/25/15, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with **ASTM E1300-04**


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 15-0414.05
Expiration Date: August 18, 2020
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Peetz Windows and Doors, Inc.

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D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.
2. Notice of Acceptance No. **14-0423.15** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 06/19/14, expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, dated March 25, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated March 25, 2015, issued by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory compliance letter for Test Reports No. **HTL-0284-0113-05** and **HTL-0284-0515-05**, issued by Hurricane Test Laboratory, LLC, dated 06/03/05, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 05-0622.01)

G. OTHERS

1. Notice of Acceptance No. **14-0402.02**, issued to Peetz Windows and Doors, Inc. for their Series "American & European Direct Glazed" Wood Fixed Window - L.M.I., approved on 05/15/14 and expiring on 08/18/15.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0414.05
Expiration Date: August 18, 2020
Approval Date: June 04, 2015

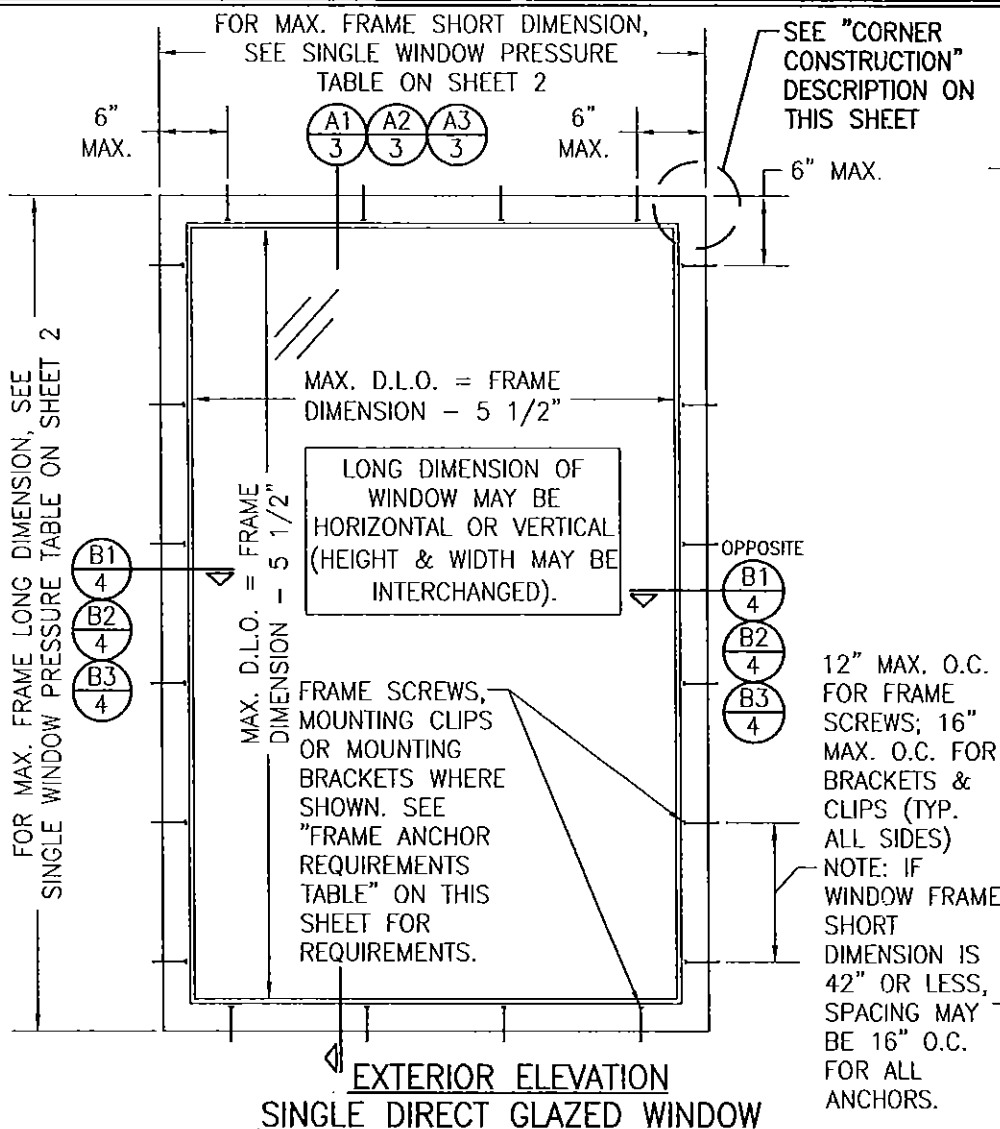
GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT PRODUCTS.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
7. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

CORNER CONSTRUCTION

JAMBS: MULTI-FORKED, JOINED AND GLUED WITH BINDAN D4 WOOD GLUE OR EQUIVALENT

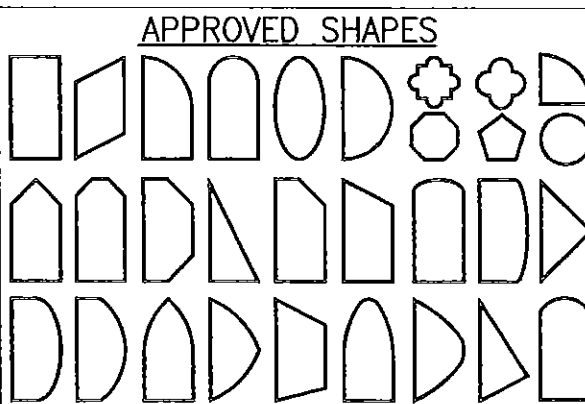
FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	FRAME/CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 50 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
NARROW MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
WIDE MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/4"	2"
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).			



EXTERIOR ELEVATION
SINGLE DIRECT GLAZED WINDOW

SCALE: N.T.S.

RECTANGULAR WINDOWS SHOWN. ANCHORING OF SHAPED WINDOWS IS THE SAME WITH REQUIRED ANCHOR SPACING ALONG THE FRAME CIRCUMFERENCE BEING THE SAME AS SPECIFIED FOR A STRAIGHT FRAME.



NOTES:
1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0414.05
Expiration Date Aug. 18, 2020
By *Manuel Perez*
Miami Dade Product Control

FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE LESS THAN OR EQUAL TO THE MULLION LENGTH (SEE MULLION LOAD TABLE)

(MAX. FOUR UNITS MAY BE COMBINED IN ONE OPENING)

SCALE: N.T.S.

SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

MULTIPLE UNIT NOTES:

1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SPECIFIED.
2. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR THE ALLOWABLE MULLION PRESSURE. SEE LOAD TABLES ON SHEET 2.
3. WINDOWS MAY BE STACKED HORIZONTAL OR VERTICAL. (IF VERTICALLY STACKED, MANUFACTURER MUST INSURE THAT THE DEAD WEIGHT OF THE WINDOWS DOES NOT CAUSE ANY WINDOW FAILURES OR DEFORMATIONS)

ALLOWABLE DESIGN PRESSURE
SEE LOAD TABLES ON SHEET 2

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

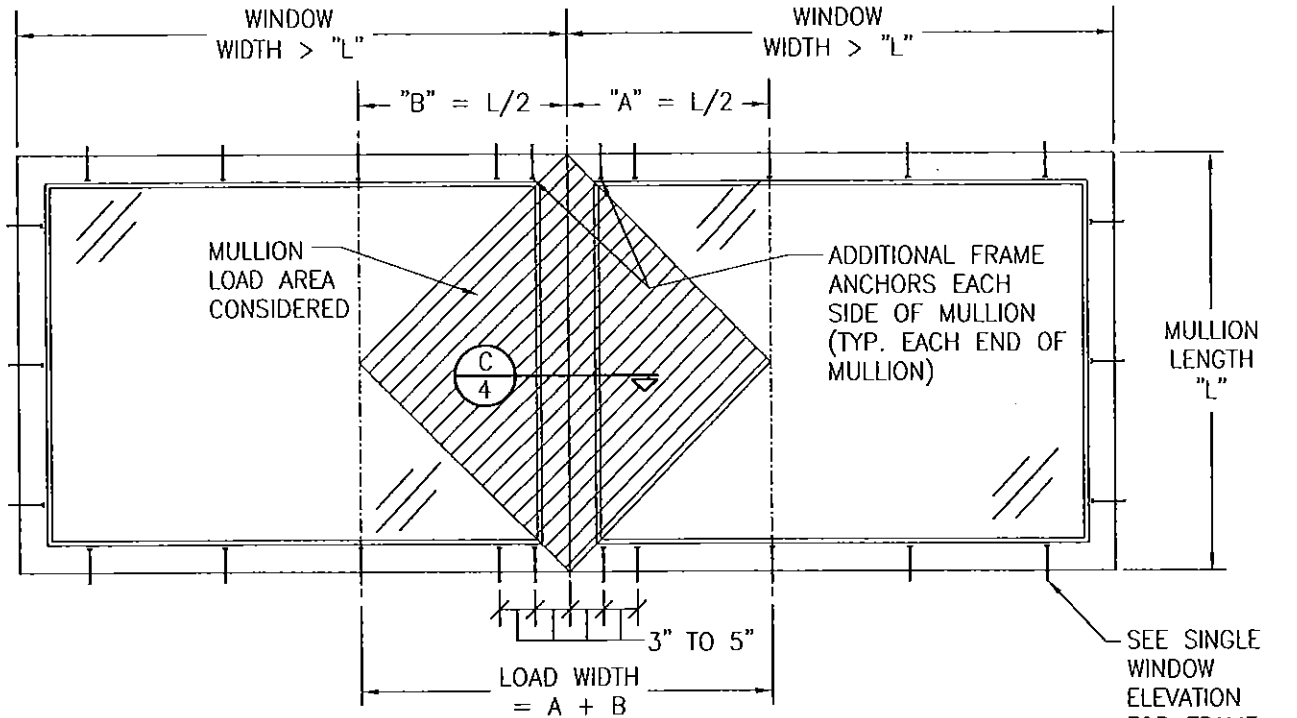
SEE SINGLE WINDOW ELEVATION FOR FRAME ANCHOR REQUIREMENTS

DRAWING TITLE		DRAWN BY:		CHECKED BY:	
AMERICAN & EUROPEAN DIRECT GLAZED IMPACT WOOD WINDOWS		S.T.R.		W.W.S.	
PLOT: 1-16		DATE: 3/11/05			
NO.	REVISION DESCRIPTION	BY	DATE	DATE	DATE
A1	UPDATE TO PRESENT STANDARDS	WRM	05/09/10		
B1	CHANGE CONSULTANTS ADDRESS	WRM	10/19/11		
C1	ADDED WIDE FRAME SHORT DIMENSIONS AND WIDE BRACKET	WWS	04/09/14		
D1	UPDATE TO PRESENT STANDARDS	WWS	03/23/15		
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887					
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424					
CERTIFICATION MAR 25 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44136					
DRAWING NO. 1323		REV. D		SHEET NO. 1 OF 5	

ALLOWABLE SINGLE WINDOW DESIGN PRESSURE								
MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)						
		WITH I.G. GLAZING			WITH NON-I.G. GLAZING			
		OPTION 1	OPTION 2	OPTION 3 & 4	OPTION 1	OPTION 2	OPTION 3	OPTION 4
144	50	64.1	75.0		59.1	75.0		
	48	68.5	75.0		63.1	75.0		
	42	75.0	75.0		75.0	75.0		
	36	75.0	75.0		75.0	75.0		
	30	75.0	75.0		75.0	75.0		75.0
	24	75.0	75.0		75.0	75.0		75.0
132	54	60.8	75.0		56.0	75.0		
	48	71.3	75.0		65.7	75.0		
	42	75.0	75.0		75.0	75.0		
	36	75.0	75.0		75.0	75.0		
	30	75.0	75.0		75.0	75.0		75.0
	24	75.0	75.0	75.0	75.0	75.0	75.0	75.0
120	60	57.6	75.0		53.1	75.0		
	54	64.8	75.0		59.7	75.0		
	48	75.0	75.0		69.6	75.0		
	42	75.0	75.0		75.0	75.0		
	36	75.0	75.0		75.0	75.0		75.0
	30	75.0	75.0	75.0	75.0	75.0	75.0	75.0
108	66		75.0		75.0			
	60	64.9	75.0		59.8	75.0		
	54	72.0	75.0		66.4	75.0		
	48	75.0	75.0		75.0	75.0		
	42	75.0	75.0		75.0	75.0		75.0
	36	75.0	75.0		75.0	75.0		75.0
96	30	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	75		75.0		75.0			
	60	73.4	75.0		67.7	75.0		
	54	75.0	75.0		74.1	75.0		
	48	75.0	75.0		75.0	75.0		
	42	75.0	75.0		75.0	75.0		75.0
90	36	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	75		75.0		75.0			
	60	75.0	75.0		72.1	75.0		
	54	75.0	75.0		75.0	75.0		
	48	75.0	75.0		75.0	75.0		75.0
	42	75.0	75.0		75.0	75.0		75.0
84	40	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	75		75.0		75.0			
	60	75.0	75.0		75.0	75.0		
	54	75.0	75.0		75.0	75.0		75.0
	48	75.0	75.0		75.0	75.0		75.0
	42	75.0	75.0	75.0	75.0	75.0	75.0	75.0
78	75		75.0		75.0			
	60	75.0	75.0		75.0	75.0		
	54	75.0	75.0		75.0	75.0		75.0
	48	75.0	75.0		75.0	75.0		75.0
72	42	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	72		75.0		75.0			
	60	75.0	75.0		75.0	75.0		75.0
	54	75.0	75.0		75.0	75.0		75.0
66	48	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	66		75.0		75.0			75.0
	60	75.0	75.0		75.0	75.0		75.0
60	54	75.0	75.0	75.0	75.0	75.0	75.0	75.0
	60	75.0	75.0	75.0	75.0	75.0	75.0	75.0

NOTES:

- SEE GLAZING DETAILS FOR GLAZING OPTIONS
- CROSSED OUT BOXES DESIGNATE SIZES NOT ACCEPTABLE FOR THE RESPECTIVE GLASS OPTION.



FIXED WINDOW TO FIXED WINDOW WHEN WINDOW WIDTHS ARE GREATER THAN THE MULLION LENGTH (SEE MULLION LOAD TABLE)

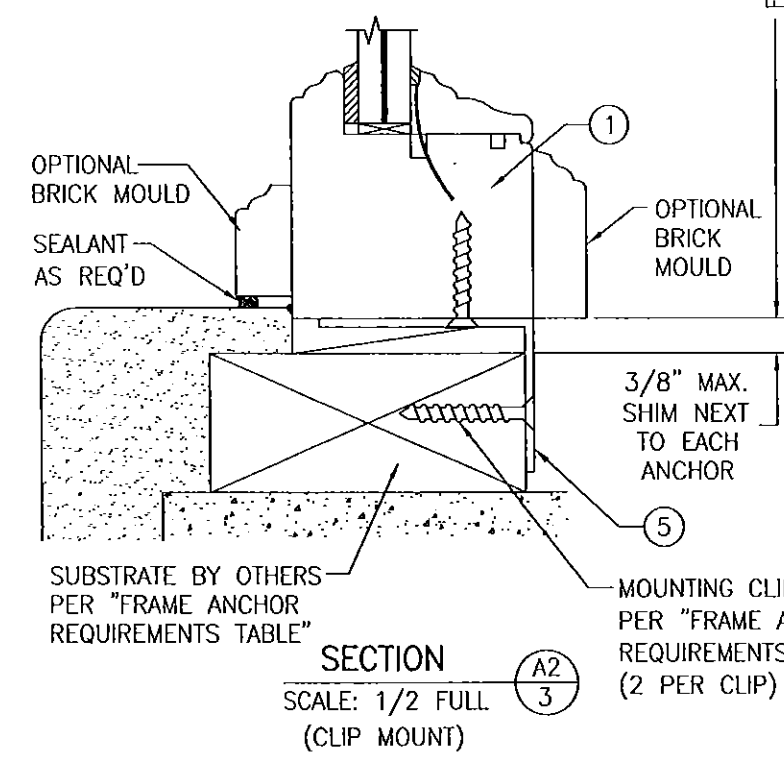
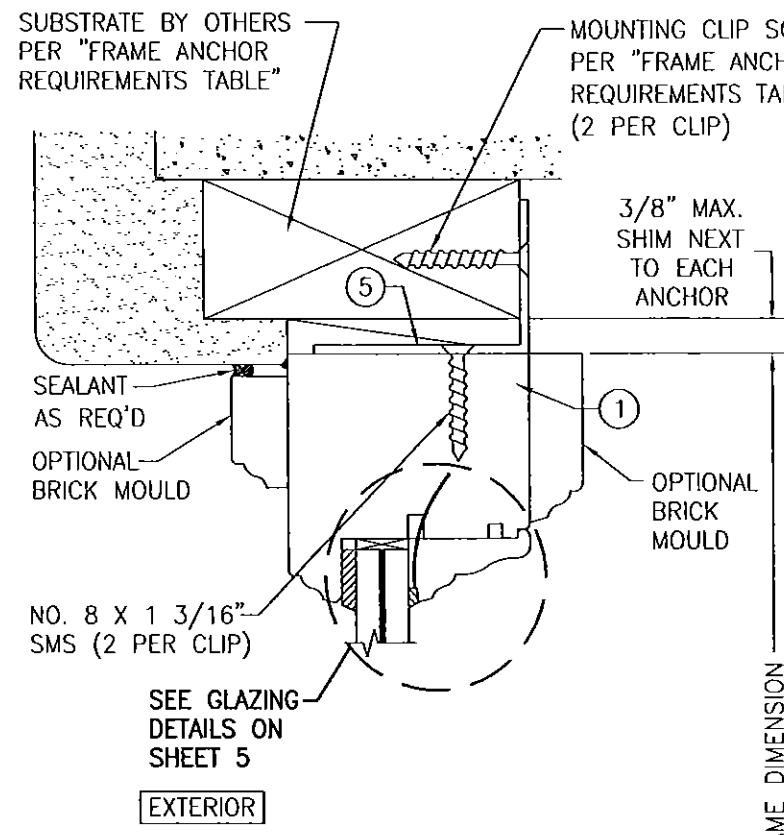
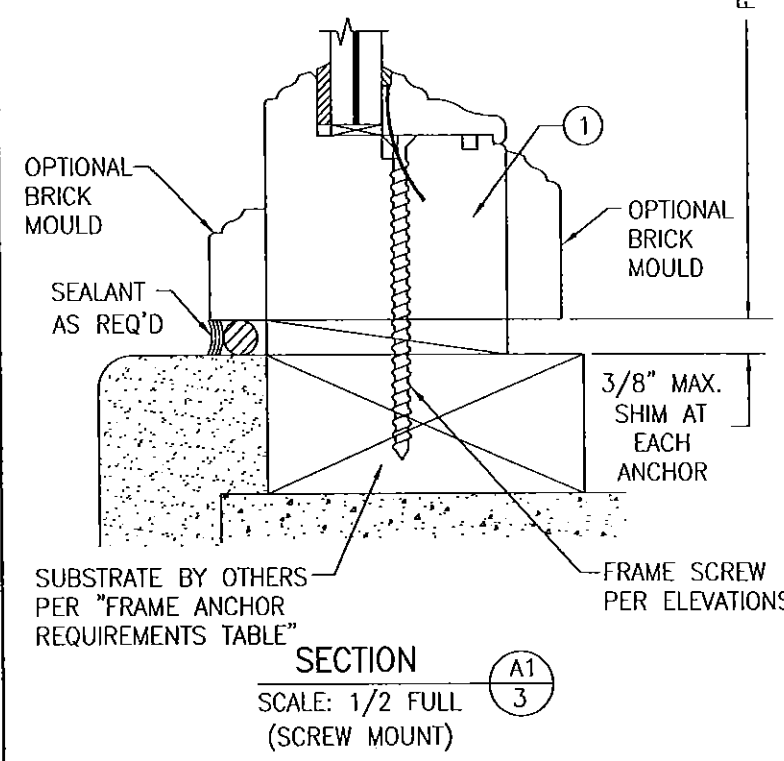
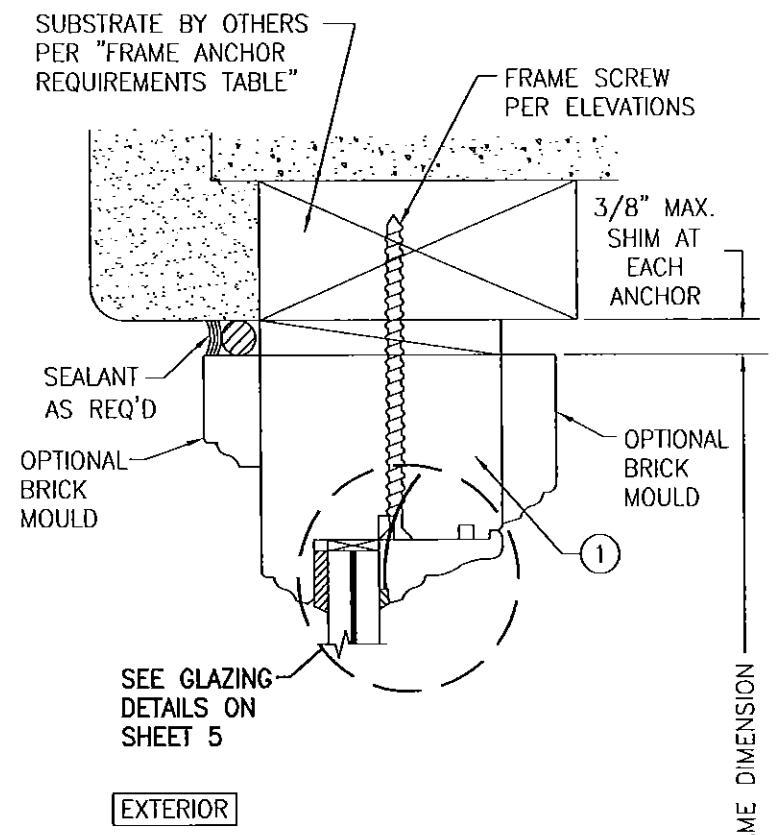
(MULTIPLE UNIT NOTES ON SHEET 1 SHALL APPLY)
SEE SINGLE WINDOW ELEVATION FOR WINDOW DETAIL NOT SHOWN

MULLION ALLOWABLE LOAD TABLE		
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)
90	60	31.2
	54	33.3
	48	36.4
	42	40.4
	36	45.9
	30	54.1
	24	66.6
	18	75.0
84	60	39.5
	54	42.0
	48	45.5
	42	50.4
	36	57.1
	30	67.0
	24	75.0
	60	51.1
78	54	54.1
	48	58.1
	42	64.0
	36	72.3
72	30	75.0
	60	68.2
	54	71.3
	48	75.0
66	60	75.0

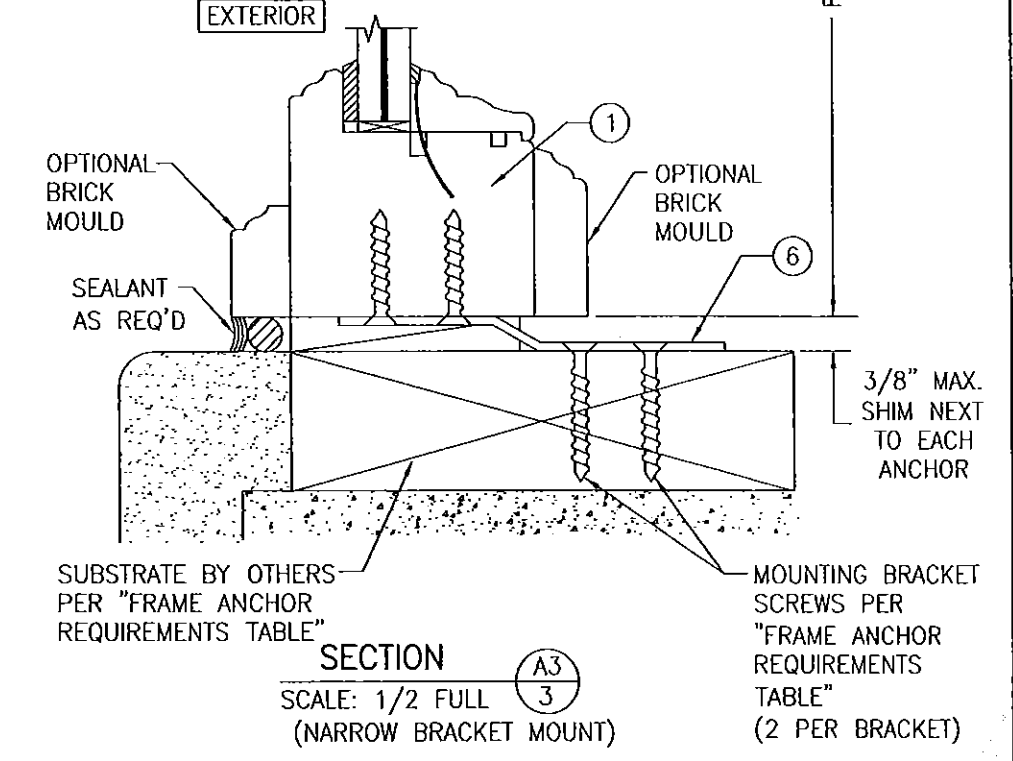
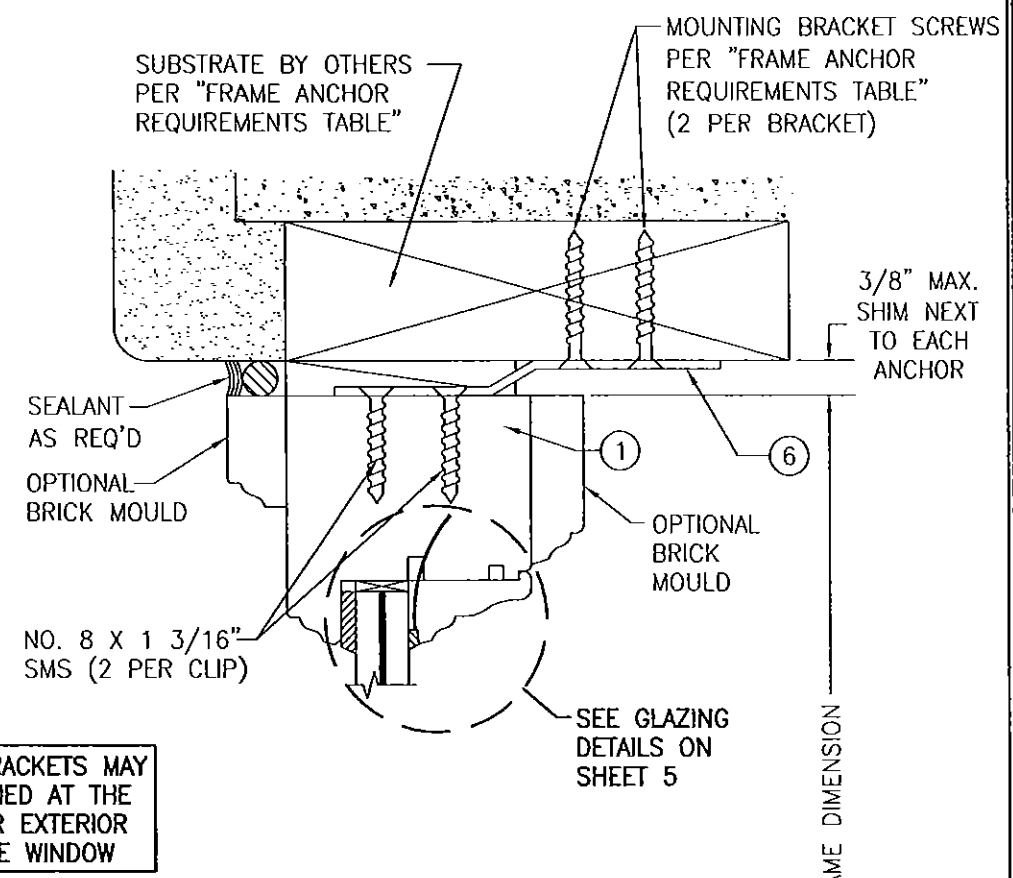
LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 15-0414-05
Expiration Date Aug 10, 2020
By *Michael Perez*
Miami Dade Product Control

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 3/11/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN & EUROPEAN DIRECT GLAZED IMPACT WOOD WINDOWS		MANUFACTURER: PEETZ WINDOWS & DOORS	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: <i>Michael Perez</i> MAR 25 2015		W. W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1323		REV. D	
SHEET NO. 2		OF 5	

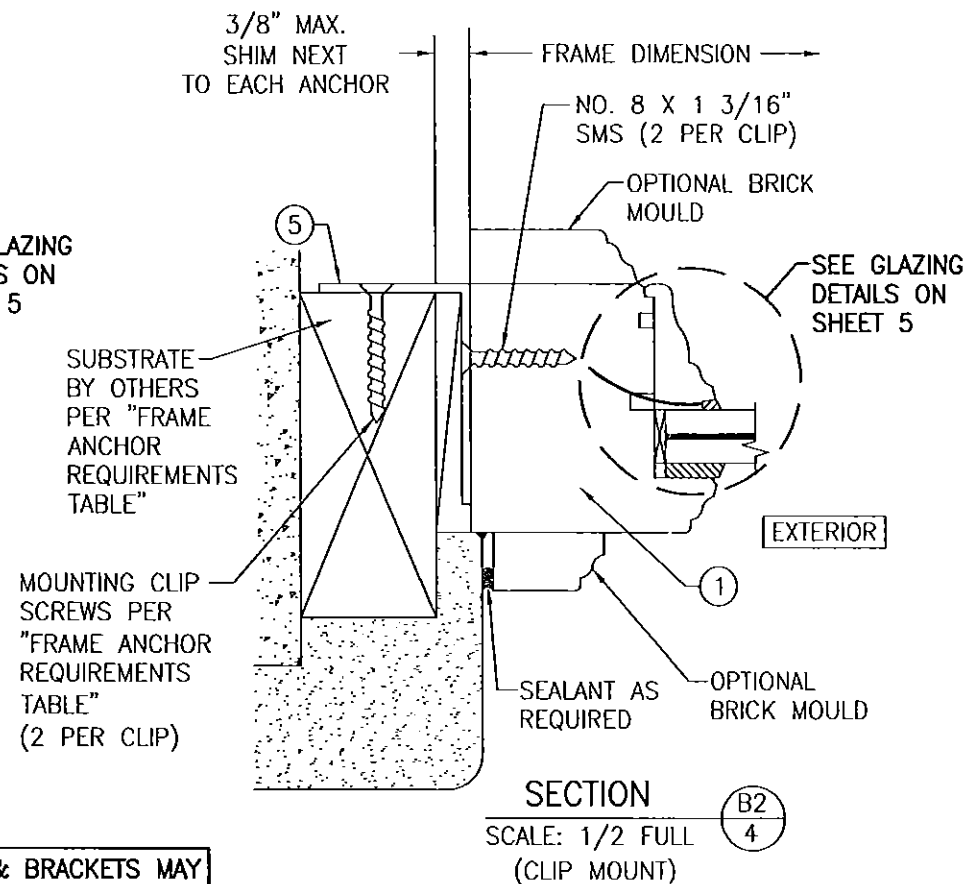
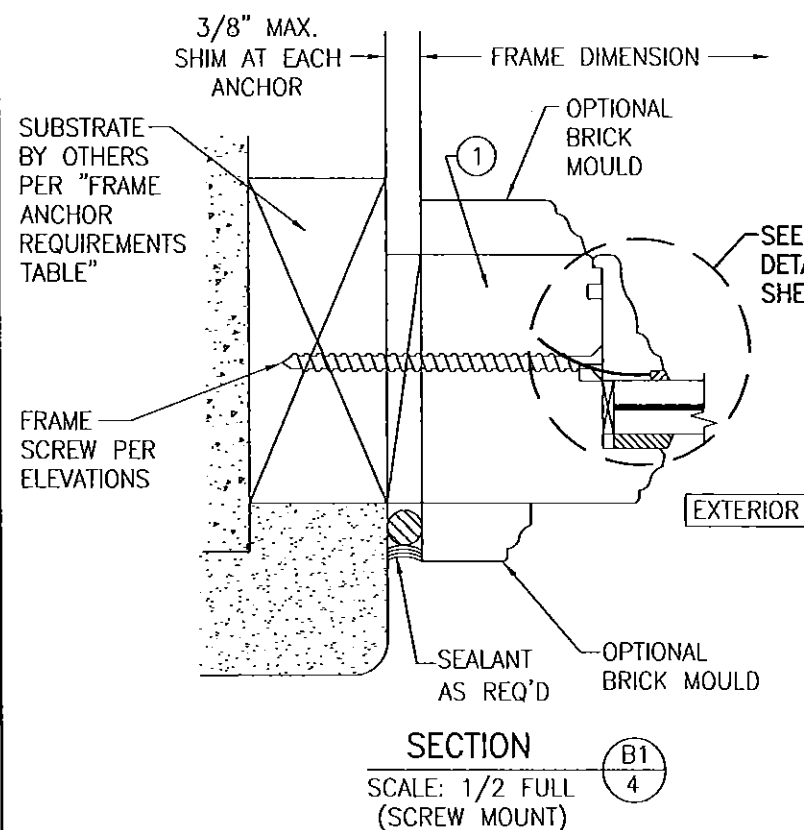


CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW

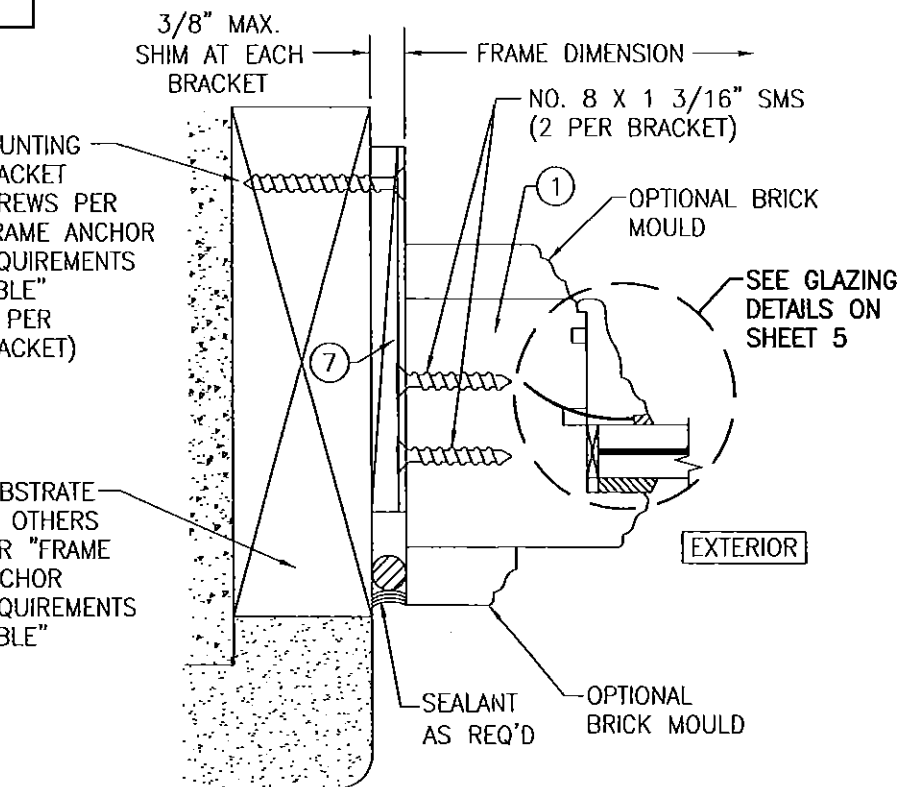
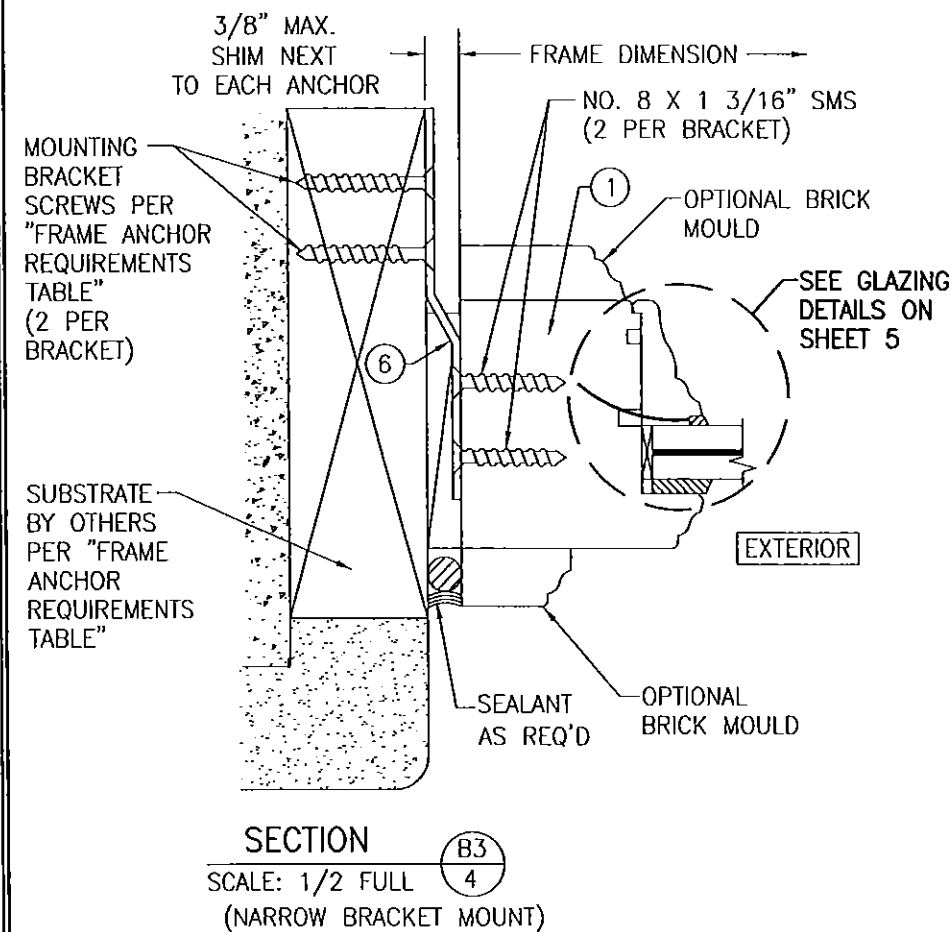


PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0414.05 Expiration Date Aug. 18, 2020 By *Manu...* Miami Made Product Control

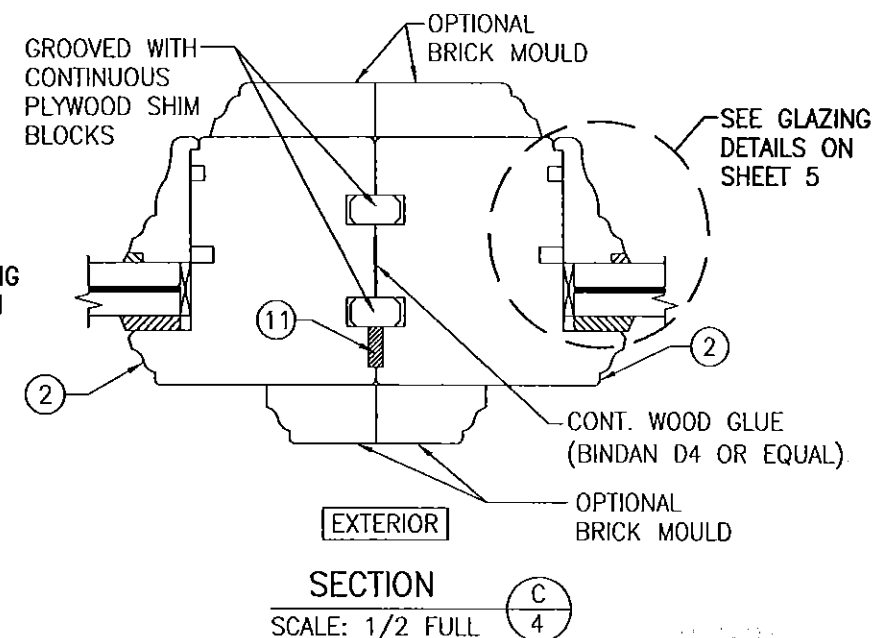
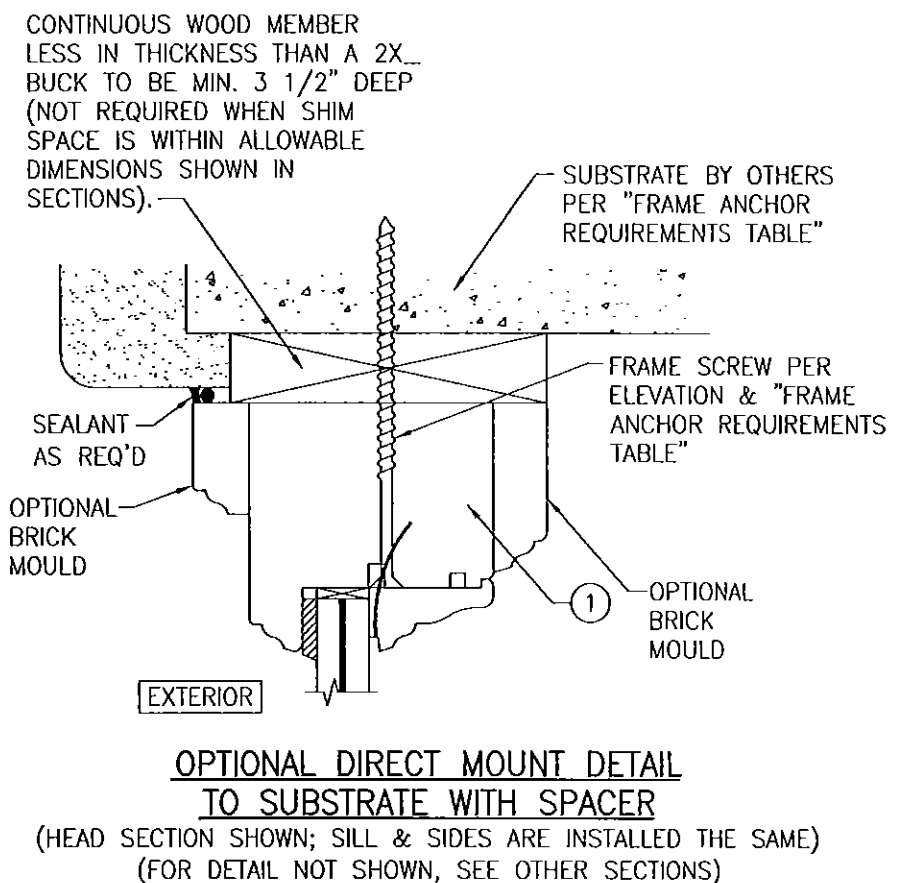
DRAWN BY: S.T.R.		CHECKED BY: WWS	
PLOT: 1=2		DATE: 3/11/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN & EUROPEAN DIRECT GLAZED IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: MAR 25 2015		W. W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1323		REV. D	
SHEET NO. 3		OF 5	



CLIPS & BRACKETS MAY BE POSITIONED AT THE INTERIOR OR EXTERIOR SIDE OF THE WINDOW

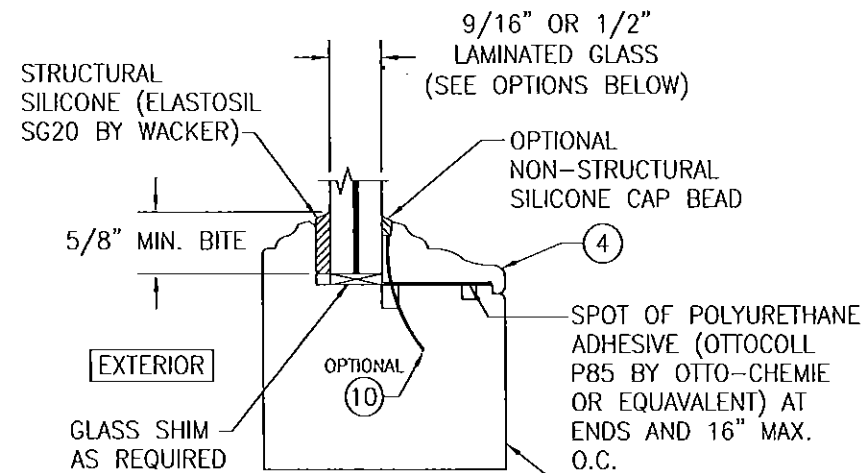


OPTIONAL WIDE INSTALLATION BRACKET MOUNT DETAIL
(SIDE SECTION SHOWN; SILL & HEAD ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



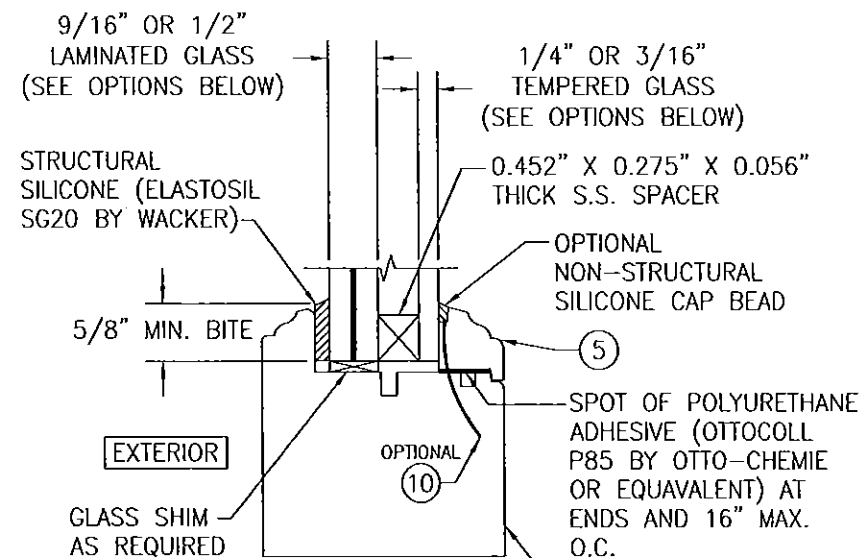
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0414.05
Expiration Date Aug 18, 2020
By *Warren W. Schaefer*
Miami/Dade Product Control

DRAWN BY: S.T.R.	CHECKED BY: WWS
PLOT: 1-2	DATE: 3/11/05
DATE	BY
REVISION	DESCRIPTION
NO.	
DRAWING TITLE AMERICAN & EUROPEAN DIRECT GLAZED IMPACT WOOD WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION MAR 25 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1323	REV. D
SHEET NO. 4 OF 5	



NON-I.G. GLAZING DETAIL

- GLASS OPTION: 1. 9/16" THICK LAMINATED GLASS (1/4" AN/0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN)
2. 9/16" THICK LAMINATED GLASS (1/4" HT. ST./0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" HT. ST.)
3. 1/2" THICK LAMINATED GLASS (3/16" AN/0.09 EASTMAN CHEMICAL CO. "SAFLEX"/1/4" AN)
4. 1/2" THICK LAMINATED GLASS (3/16" AN/0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN)

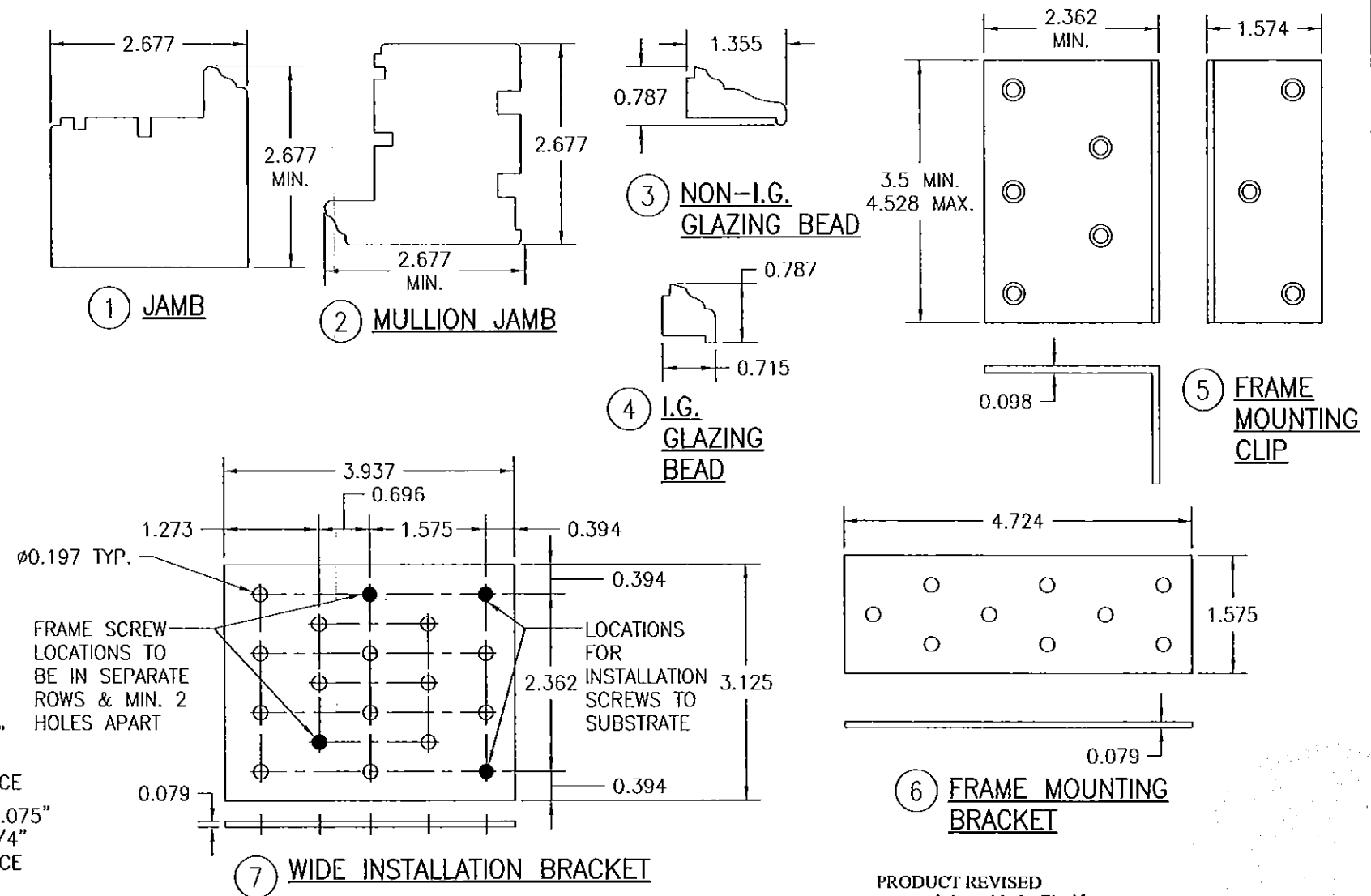


I.G. GLAZING DETAIL

- GLASS OPTION: 1. 9/16" THICK LAMINATED OUTER GLASS (1/4" AN/0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN); 1/4" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
2. 9/16" THICK LAMINATED OUTER GLASS (1/4" HT. ST./0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" HT. ST.); 1/4" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
3. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.09 EASTMAN CHEMICAL CO. "SAFLEX"/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
4. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.075" EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	WOOD
2	MULLION JAMB	WOOD
3	NON-I.G. GLAZING BEAD	WOOD
4	I.G. GLAZING BEAD	WOOD
5	FRAME MOUNTING CLIP	GALVANIZED 34.1 KSI STEEL
6	NARROW MOUNTING BRACKET	GALVANIZED 34.1 KSI STEEL
7	WIDE MOUNTING BRACKET	GALVANIZED 34.1 KSI STEEL
FASTENERS		
10	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C.
FASTENERS		
11	3/8" X 3/16" PRECOMPRESSED TAPE	ILLBRUCK WILLSEAL 600 OR EQUAL

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF $G = 0.67$ AND A MODULUS OF ELASTICITY OF $E = 1,700,000$ PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.67 AND MODULUS OF ELASTICITY OF 1,700,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.



PRODUCT REVISED
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Building Code
Acceptance No. 15-0414.05
Expiration Date Aug 18, 2020
By *Manuel Perez*
Miami Dade Product Control

DRAWN BY: WWS		CHECKED BY: WWS	
PLOT: 1=2		DATE: 12/06/04	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE AMERICAN & EUROPEAN DIRECT GLAZED IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION MAR 25 2015 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1323	
SHEET NO. 5 OF 5		REV. D	